

REVERSING TRANSFER DRIVE FOR SICKLE CUTTING
KNIVES ON A HEADER OF AN AGRICULTURAL COMBINE

Abstract Of The Disclosure

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A drive for transferring sideward motion from a first or driving elongate sickle knife to a second or driven elongate sickle knife longitudinally aligned with the first sickle knife. A double rack and pinion 10 arrangement is used including at least one pinion mounted at a fixed location, a first sidewardly extending rack is connected to the first sickle knife for sideward movement therewith and a second sidewardly extending rack is connected to the second sickle knife 15 for sideward movement therewith, the racks both being enmeshed with the pinion such that sideward movement of the driving knife causes corresponding opposite sideward movement of the longitudinally aligned driven knife.